

The claims defining the invention are as follows:

1. A method of storing data, said method comprising the steps of:
 - generating at least one media file for storing data as one or more data samples; and
 - 5 generating at least one index file for storing information indicating the configuration of said one or more data samples of said media file, said media file further comprising image information interspersed throughout said media file, wherein said image information allows for reconstruction of said index file upon corruption thereof.
- 10 2. A method according to claim 1, wherein said image information is used exclusively for reconstruction of said index file.
- 15 3. A method according to claim 1, wherein said image information allows for reconstruction of said media file upon corruption thereof.
4. A method according to claim 3, wherein said media file is reconstructed based on a sample list contained in said media file.
- 15 5. A method according to claim 4, wherein sample references are added to said index file based on said sample list.
6. A method according to claim 1, wherein said image information comprises a timestamp indicating capture time of an associated sample.
- 25 7. A method according to claim 1, wherein said image information comprises a resolution of an associated sample.

8. A method according to claim 1, wherein said information of said index file comprises frame rate variation information.

5 9. A method according to claim 1, wherein said image information is stored as one or more dedicated samples of said media file.

10. A method according to claim 1, wherein said media file is configured in accordance with the MicrosoftTM AVITM file format.

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11. A method according to claim 1, wherein said index file is configured in accordance with the AppleTM QuickTimeTM file format.

12. A method according to claim 1, wherein said data is video data.

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13. A method according to claim 1, wherein said data is text data.

14. A method according to claim 1, wherein said data is video data and associated text data.

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15. A method according to claim 14, wherein said video and associated text data is captured for security purposes.

25 16. A method according to claim 12, wherein each video sample is a separate JPEG file.

17. A method according to claim 12, wherein a plurality of copies of a corresponding text string are included in each text sample of said media file.
18. A method according to claim 17, wherein a first copy of said text string is 5 configured in accordance with the AVITM file format.
19. A method according to claim 17, wherein a second copy of said text string is configured in accordance with the QuickTimeTM file format.
- 10 20. A method according to claim 1, further comprising the step of inserting one or more empty samples into said media file to compensate for any missed samples.
- 15 21. A method according to claim 1, wherein said index file contains a track referencing at least said media file.
22. A method of storing video and associated text data, said method comprising the steps of:
 - generating at least one media file in accordance with a first file format, said media file being configured for storing said video and associated text data as one or more data 20 samples; and
 - generating at least one index file in accordance with a second file format, said index file being configured to store information indicating the configuration of said one or more data samples of said media file; and
 - adding image information interspersed throughout said media file, said media file 25 including said image information being readable by a media player corresponding at least

to said first file format, wherein said image information allows for reconstruction of said index file upon corruption thereof.

23. A method according to claim 22, wherein said image information is used
5 exclusively for reconstruction of said index file.

24. A method according to claim 22, wherein said image information allows for reconstruction of said media file upon corruption thereof.

10 25. A method according to claim 24, wherein said media file is reconstructed based on a sample list contained in said media file.

26. A method according to claim 25, wherein sample references are added to said index file based on said sample list.

15 27. A method according to claim 22, wherein said image information comprises a timestamp indicating capture time of an associated sample.

28. A method according to claim 22, wherein said image information comprises a
20 resolution of an associated sample.

29. A method according to claim 22, wherein said information of said index file comprises frame rate variation information.

25 30. A method according to claim 22, wherein said image information is stored as a dedicated sample of said media file.

31. A method according to claim 22, wherein said first format is the MicrosoftTM AVITM file format.

5 32. A method according to claim 22, wherein said second file format is the AppleTM QuickTimeTM file format.

33. A method according to claim 22, wherein said video and associated text data is captured for security purposes.

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34. A method of storing at least text data in one or more files as one or more data samples, said method comprising the steps of:

storing a text string in said file corresponding to at least one of said samples, in accordance with a first predetermined data format;

15 generating at least one copy of said text string; and

storing said copy of said text string in said file in accordance with a second predetermined data format.

20 35. A method according to claim 34, wherein said first predetermined format is the MicrosoftTM AVITM file format.

36. A method according to claim 34, wherein said second predetermined format is the AppleTM QuickTimeTM file format.

25 37. An apparatus for storing data, said apparatus comprising:

media file generation means for generating at least one media file for storing data as one or more data samples; and

index file generation means for generating at least one index file for storing information indicating the configuration of said one or more data samples of said media
5 file, said media file further comprising image information interspersed throughout said media file, wherein said image information allows for reconstruction of said index file upon corruption thereof.

38. An apparatus for storing video and associated text data, said apparatus comprising:
10 media file generation means for generating at least one media file in accordance with a first file format, said media file being configured for storing said video and associated text data as one or more data samples; and

index file generation means for generating at least one index file in accordance with a second file format, said index file being configured to store information indicating the
15 configuration of said one or more data samples of said media file; and

image information adding means for adding image information interspersed throughout said media file, said media file comprising said image information being readable by a media player corresponding at least to said first file format, wherein said image information allows for reconstruction of said index file upon corruption thereof.

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39. An apparatus for storing at least text data in one or more files as one or more data samples, said apparatus comprising:

storage means for storing a text string in said file corresponding to at least one of said samples, in accordance with a first predetermined data format; and

generation means for generating at least one copy of said text string, said copy of said text string being stored in said file in accordance with a second predetermined data format.

5 40. A computer program product comprising a computer readable medium having recorded thereon a computer program for storing data, said program comprising:

 code for generating at least one media file for storing data as one or more data samples; and

10 code for generating at least one index file for storing information indicating the configuration of said one or more data samples of said media file, said media file further comprising image information interspersed throughout said media file, wherein said image information allows for reconstruction of said index file upon corruption thereof.

15 41. A computer program product comprising a computer readable medium having recorded thereon a computer program for storing video and associated text data, said program comprising:

 code for generating at least one media file in accordance with a first file format, said media file being configured for storing said video and associated text data as one or more data samples; and

 code for generating at least one index file in accordance with a second file format, said index file being configured to store information indicating the configuration of said one or more data samples of said media file; and

25 code for adding image information interspersed throughout said media file, said media file including said image information being readable by a media player

corresponding at least to said first file format, wherein said image information allows for reconstruction of said index file upon corruption thereof.

42. A computer program product comprising a computer readable medium having
5 recorded thereon a computer program for storing at least text data in one or more files as
one or more data samples, said program comprising:
code for storing a text string in said file corresponding to at least one of said
samples, in accordance with a first predetermined data format;
code for generating at least one copy of said text string; and
10 code for storing said copy of said text string in said file in accordance with a second
predetermined data format.

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